CLAIMS

1. A low reflectance, high temperature infrared camouflage coating system for application to the strategic surfaces of jet engine components in order to reduce their level of emitted energy and render them undetectable by infrared detection devices which comprises:

(a) a metal alloy substrate having an oxidized surface; and

(b) a thin homogenous ferrous sulfide containing silicate glass mixture bonded to said oxidized surface.

2. A camouflage coating system in accordance with claim 1 wherein said ferrous sulfide is present in said mixture in amounts ranging from about two to ten mole percent.